APPENDIX

CLAIMS ON APPEAL

1. A method of compressing a textual document comprised of data elements and tag elements that impose a hierarchical structure on said data elements, said method comprising the steps of:

identifying said data elements in said document; and

compressing only said data elements in said document using a compression algorithm, wherein said document before and after the compressing step is in a given file format.

2. The method of claim 1, further comprising the step of inserting an identifier of said compression algorithm in said document.

3. The method of claim 2, wherein said step of inserting an identifier of said compression algorithm in said document inserts said identifier in a root node tag element.

4. The method of claim 2, wherein said step of inserting an identifier of said compression algorithm in said document further comprises the steps of inserting a new tag element in said document and inserting said identifier in said new tag element.

5. The method of claim 1, further comprising the step of transmitting said compressed document.

6. The method of claim 1, further comprising the step of storing said compressed document.

7. The method of claim 1, wherein said document is generated in real-time by a user operating a textual input device.

8. The method of claim 1, wherein said document is generated in real-time by a speech recognition system.

9. The method of claim 1, wherein said document is an XML document.

10. The method of claim 1, wherein said document is an SGML document.

11. A method of compressing a document, said document comprised of data elements and tag elements that impose a hierarchical structure on said data elements, said method comprising the steps of:

compressing only said data elements in said document using a compression algorithm; and

inserting an identifier of said compression algorithm in said document, wherein said document before and after the compressing step is in a given file format.

12. The method of claim 11, wherein said step of inserting an identifier of said compression algorithm in said document inserts said identifier in a root node tag element.

13. The method of claim 11, wherein said step of inserting an identifier of said compression algorithm in said document further comprises the steps of inserting a new tag element in said document and inserting said identifier in said new tag element.

14. The method of claim 11, further comprising the step of transmitting said compressed document.

15. The method of claim 11, further comprising the step of storing said compressed document.

16. The method of claim 11, wherein said document is generated in real-time by a user operating a textual input device.

17. The method of claim 11, wherein said document is generated in real-time by a speech recognition system.

18. A system for compressing a document, said document comprised of data elements and tag elements that impose a hierarchical structure on said data elements, said system comprising:

a memory for storing content and computer readable code; and

a processor operatively coupled to said memory, said processor configured to:

identify said data elements in said document; and

compress only said data elements in said document using a compression algorithm, wherein said document before and after compression is in a given file format.

19. A system for compressing a document, said document comprised of data elements and tag elements that impose a hierarchical structure on said data elements, said system comprising:

a memory for storing content and computer readable code; and

a processor operatively coupled to said memory, said processor configured to:

compress only said data elements in said document using a compression algorithm; and

insert an identifier of said compression algorithm in said document, wherein said document before and after compression is in a given file format.

20. An article of manufacture for compressing a document, said document comprised of

data elements and tag elements that impose a hierarchical structure on said data elements, comprising:

a computer readable medium having computer readable code means embodied thereon, said computer readable program code means comprising:

a step to identify said data elements in said document; and

a step to compress only said data elements in said document using a compression algorithm, wherein said document before and after compression is in a given file format.

21. An article of manufacture for compressing a document, said document comprised of data elements and tag elements that impose a hierarchical structure on said data elements, comprising:

a computer readable medium having computer readable code means embodied thereon, said computer readable program code means comprising:

a step to compress only said data elements in said document using a compression algorithm; and

a step to insert an identifier of said compression algorithm in said document, wherein said document before and after compression is in a given file format.